ABSTRACT

A METHOD FOR DATA TRAFFIC POLICING, A DATA TRAFFIC POLICER REALIZING SUCH A METHOD AND A TELECOMMUNICATION NETWORK INCLUDING SUCH A DATA TRAFFIC POLICER.

The present invention concerns a method for use in a telecommunication network by a data traffic policer (POL) for data traffic policing on a data communication link (L). The data traffic includes data cells that are grouped into frames (F1, F2, F3, ...). The method comprises the step of for each data cell of a frame (F2), upon reception of the data cell, checking a conformance of the data cell and providing thereby a conformance result of the data cell being any one of conforming and non-conforming (F/T). The method further includes the steps of storing the data cell into a buffer (BUFF) and treating the frame as conforming in the event when for each data cell of the frame that is stored in the buffer (BUFF) the conformance result is conforming (F); and in the event when the frame is treated as conforming (F) and upon reception of a predefined data cell of the frame (F2), starting transmission of a predefined number of data cells of the frame (F2) by the traffic policer (POL).